

Converting Colors

$Y_{xy}(24.1998, 0.2478, 0.3501)$

Have a look what the booklet for
Yxy(24.1998, 0.2478, 0.3501)
contains.

Yxy(24.2905, 0.2481, 0.3504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(24.2905, 0.2481, 0.3504)$

Conversions

Conversions Part 1

Format	Color
Hex	3C958A
RGB	60, 149, 138
RGB Percent	24%, 58%, 54%
CMY	0.7647, 0.4157, 0.4588
CMYK	0.60, 0.00, 0.07, 0.42
HSL	173°, 43%, 41%
HSV	173°, 60%, 58%
XYZ	17.1988, 24.2905, 27.8329
YIQ	121.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

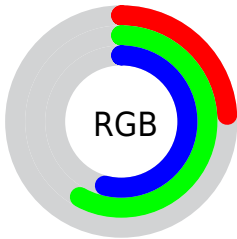
Format	Color
RYB	60, 107, 149
Decimal	3970442
CIELab	56.38, -29.16, -2.14
CIELCh	56, 29.243, 184.198
Yxy	24.2905, 0.2481, 0.3504
Android (android.graphics.Color)	4282160522 (0xFF3C958A)
YUV	121.1350, 8.3144, -53.6154
Hunter-Lab	49.2854, -23.9593, 1.0170

Details

The Yxy color **24.2905, 0.2481, 0.3504** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.0755, 0.4686, 0.3117**, and the grayscale version is **19.1512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7292, 0.2623, 0.3472**, and **9.4399, 0.2330, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **23.8382, 0.2423, 0.3546**, and if you desaturate by 10%, it is **24.8763, 0.2557, 0.3463**.

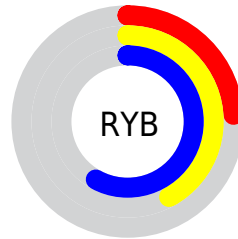
Distribution



Red (24%)

Green (58%)

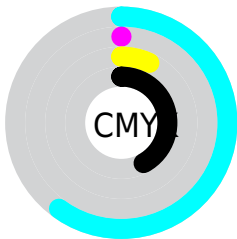
Blue (54%)



Red (24%)

Yellow (42%)

Blue (58%)

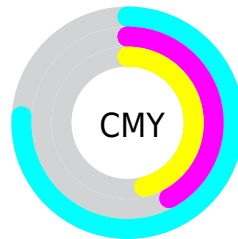


Cyan (60%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (76%)


Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2905, 0.2481, 0.3504 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.2905, 0.2481, 0.3504 by changing the saturation by 10% instead.


 24.2905, 0.2481,
0.3504

 24.2905, 0.2481,
0.3504


274.2859, 0.2835,
0.3389


 15.5493, 0.2381,
0.3535


 50.5038, 0.2618,
0.3460


 9.2058, 0.2245,
0.3577


 68.7447, 0.2667,
0.3445


 4.8756, 0.2050,
0.3635

 90.9209, 0.2707,
0.3431

 2.1745, 0.1749,
0.3718

 117.4169, 0.2741,
0.3420

 0.7060, 0.0000,
0.4346

 148.6170, 0.2770,
0.3411

 0.0000, 0.0000,
0.0000

184.9056, 0.2795,

0.3403

226.6671, 0.2816,
0.3396

■ 24.2905, 0.2481,
0.3504

■ 24.2905, 0.2481,
0.3504

■ 23.8382, 0.2423,
0.3546

■ 24.8763, 0.2557,
0.3463

■ 23.5052, 0.2384,
0.3588

■ 25.6027, 0.2648,
0.3424

■ 23.2792, 0.2362,
0.3630

■ 26.4797, 0.2754,
0.3387

■ 23.1276, 0.2354,
0.3672

■ 27.5155, 0.2872,
0.3351

■ 23.1237, 0.2354,
0.3673

■ 28.7178, 0.2998,
0.3319

■ 30.0938, 0.3131,
0.3289

■ 31.6502, 0.3267,
0.3262

■ 33.3935, 0.3405,
0.3238

■ 35.3295, 0.3542,
0.3217

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.2905, 0.2897, 0.3971



24.2905, 0.2481, 0.3504



24.2905, 0.2244, 0.3008

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.2905, 0.2481, 0.3504



24.2905, 0.2799, 0.2524



24.2905, 0.4111, 0.3837

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.2905, 0.2481, 0.3504



10.0755, 0.4686, 0.3117

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.2905, 0.4098, 0.3446



24.2905, 0.2481, 0.3504



24.2905, 0.3303, 0.2725

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.2905, 0.2481, 0.3504



24.2905, 0.2417, 0.2491



24.2905, 0.3793, 0.3052



24.2905, 0.3846, 0.4131

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.2905, 0.2481, 0.3504



24.2905, 0.2206, 0.2749



24.2905, 0.3793, 0.3052



24.2905, 0.4141, 0.3712

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.2914, 0.2481, 0.3504



49.5526, 0.2889, 0.3347



23.1941, 0.3132, 0.5106



10.8633, 0.2856, 0.3356



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2914, 0.2481, 0.3504



42.4438, 0.2406, 0.3561



15.7057, 0.2261, 0.2616



6.5500, 0.3005, 0.3317



19.4643, 0.2353, 0.3670



0.2410, 0.2296, 0.3465

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.0755, 0.4686, 0.3117



14.5670, 0.5274, 0.3112



14.4799, 0.4529, 0.3837



5.8263, 0.3264, 0.3263



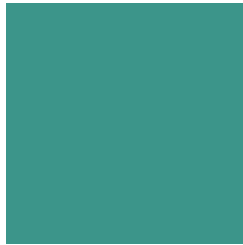
5.4182, 0.6206, 0.3192



0.0686, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 24.2905, 0.2481, 0.3504 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 24.2905, 0.2481, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

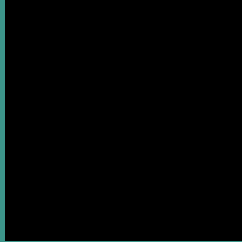
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.2905, 0.2481, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 24.2905, 0.2481, 0.3504.

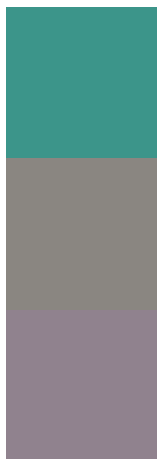


This preview shows how white text looks on a background with the Yxy color 24.2905, 0.2481, 0.3504.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.2905, 0.2481, 0.3504

Protanopia

24.0384, 0.3226, 0.3376

Deuteranopia

23.8475, 0.3159, 0.3092



Tritanopia

24.2553, 0.2380, 0.3065

Trichromacy



Original Color

24.2905, 0.2481, 0.3504

Protanomaly

23.4462, 0.2891, 0.3419

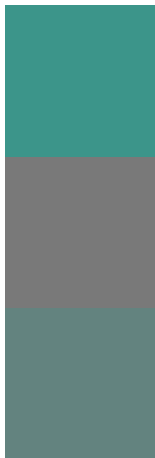
Deuteranomaly

23.3251, 0.2836, 0.3217

Tritanomaly

24.2256, 0.2413, 0.3212

Monochromacy



Original Color

24.2905, 0.2481, 0.3504

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.4176, 0.2819, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2905, 0.2481, 0.3504 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(60, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(60, 149, 138)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(60, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 149, 138) }
```

Border

The CSS property to change the border of an element to Yxy 24.2905, 0.2481, 0.3504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(60, 149, 138) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(60, 149, 138) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(60, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(60, 149,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2905, 0.2481, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 149, 138) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(60, 149,  
138) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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